

INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

April 5, 1984

IE FILE COPY.

Mr. J.G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58/74
Docket Nos. 50-315/50-316

Dear Mr. Keppler:

Pursuant to the requirements of Appendix B, Part II, Nonradiological, Environmental Protection Plan, Section 3.2, a copy of the report to the Michigan Water Resources Commission notifying them of a high iron concentration in the Backup Heating Boiler Blowdown on February 24 and March 13, 1984, is attached. This report is required by Amendment No. 54 to Facility Operating License No. DPR-58 and Amendment No. 40 to Facility Operating License No. DPR-74 dated May 6, 1982.


Sincerely,


W.G. Smith, Jr.
Plant Manager

/bab

Attachment

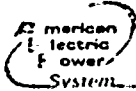
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INDIANA & MICHIGAN ELECTRIC COMPANY

ONE SUMMIT SQUARE, P. O. BOX 60, FORT WAYNE IN. 46801
Telephone: (219) 425-2111

RICHARD C. MENGE
Vice President

March 23, 1984

Mr. Paul D. Zugger
Executive Secretary
Michigan Water Resources Commission
Stevens T. Mason Building
Box 30026
Lansing, Michigan 48909

Re: Donald C. Cook Nuclear Plant
NPDES Permit No. MI 0005827
Boiler Blowdown

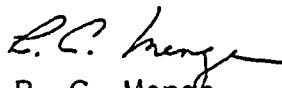
Dear Mr. Zugger:

A back-up heating boiler which had not been in use for approximately three years was started up for test purposes. A blowdown sample taken February 24, 1984, was analyzed and found to have an iron concentration of 1.37 PPM.

On March 13, 1984, after minor repairs had been made, the boiler was again started. A blowdown sample was analyzed and found to contain 6.7 PPM iron. In both instances, the iron levels probably result from such infrequent use and occasional start-up.

An NPDES modification which exempts the plant heating boilers from iron and copper limits was approved at a meeting of the Michigan Water Resources Commission on March 21, 1979, although the staff has never formally modified the permit to reflect this administrative action.

Very truly yours,


R. C. Menge
Vice President

RCM/be

cc: W. G. Smith

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


R. C. Menge

